

L Number	Hits	Search Text	DB	Time stamp
1	21037	echo	USPAT	2003/05/30 15:49
2	466	(echo) same (diversity or multipath or (multi near1 path) or multi-path)	USPAT	2003/05/30 15:53
3	240	((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)	USPAT	2003/05/30 15:58
4	1	5566168.pn. and ((echo) same (diversity or multipath or (multi near1 path) or multi-path))	USPAT	2003/05/30 15:57
5	1	(5566168.pn. and ((echo) same (diversity or multipath or (multi near1 path) or multi-path))) and echo	USPAT	2003/05/30 16:39
6	9	((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (space near1 diversity)	USPAT	2003/05/30 16:35
7	23	((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (antenna\$2 near1 diversity)	USPAT	2003/05/30 16:32
8	19	((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (antenna\$2 near1 diversity)) not (((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (space near1 diversity))	USPAT	2003/05/30 16:32
9	23	((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (spa\$4 near1 diversity)	USPAT	2003/05/30 16:35
10	14	((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (spa\$4 near1 diversity)) not (((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (space near1 diversity))	USPAT	2003/05/30 16:36

11	11	((((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (spa\$4 near1 diversity)) not (((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (space near1 diversity))) not (((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (antenna\$2 near1 diversity)) not (((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (space near1 diversity)))	USPAT	2003/05/30 16:36
12	11	((((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (spa\$4 near1 diversity)) not (((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (space near1 diversity))) not (((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (antenna\$2 near1 diversity)) not (((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (space near1 diversity)))) and echo	USPAT	2003/05/30 16:47
13	18178	"18" and echo	USPAT	2003/05/30 16:47
14	19	((((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (antenna\$2 near1 diversity)) not (((echo) same (diversity or multipath or (multi near1 path) or multi-path)) and (375/\$.ccls. or 455/\$.ccls. or 370/\$.ccls. or 329/\$.ccls.)) and (space near1 diversity))) and echo	USPAT	2003/05/30 16:47
-	5	("6172970" "5710995" "6023615" "4742563" "6151487").pn.	USPAT	2003/05/23 08:01
-	5	6172970.URPN.	USPAT	2003/05/08 08:14
-	3	6151487.URPN.	USPAT	2003/05/08 08:15
-	11	6023615.URPN.	USPAT	2003/05/08 08:15

-	11	5710995.URPN.	USPAT	2003/05/08 08:15
-	13	4742563.URPN.	USPAT	2003/05/08 08:15
-	3	("4403343" "4450585" "4578819").PN.	USPAT	2003/05/08 08:15
-	10	("4035728" "4939791" "5203027" "5335010" "5408685" "5425059" "5473333" "5515378" "5535440" "5621769").PN.	USPAT	2003/05/08 08:15
-	10	("4584713" "5109390" "5241701" "5361404" "5414734" "5430769" "5561673" "5642377" "5663990" "5671221").PN.	USPAT	2003/05/08 08:15
-	4	("5285480" "5353307" "5909465" "6075814").PN.	USPAT	2003/05/08 08:15
-	9	("3934204" "4450585" "4972434" "5031193" "5203024" "5263180" "5390166" "5530926" "5796777").PN.	USPAT	2003/05/08 08:15
-	79	((("6172970" "5710995" "6023615" "4742563" "6151487").pn.) 6172970.URPN. 6151487.URPN. 6023615.URPN. 5710995.URPN. 4742563.URPN. (("4403343" "4450585" "4578819").PN.) ("4035728" "4939791" "5203027" "5335010" "5408685" "5425059" "5473333" "5515378" "5535440" "5621769").PN.) (("4584713" "5109390" "5241701" "5361404" "5414734" "5430769" "5561673" "5642377" "5663990" "5671221").PN.) ("5285480" "5353307" "5909465" "6075814").PN.) ("3934204" "4450585" "4972434" "5031193" "5203024" "5263180" "5390166" "5530926" "5796777").PN.)	USPAT	2003/05/08 08:16
-	57	((("6172970" "5710995" "6023615" "4742563" "6151487").pn.) 6172970.URPN. 6151487.URPN. 6023615.URPN. 5710995.URPN. 4742563.URPN. (("4403343" "4450585" "4578819").PN.) ("4035728" "4939791" "5203027" "5335010" "5408685" "5425059" "5473333" "5515378" "5535440" "5621769").PN.) (("4584713" "5109390" "5241701" "5361404" "5414734" "5430769" "5561673" "5642377" "5663990" "5671221").PN.) ("5285480" "5353307" "5909465" "6075814").PN.) ("3934204" "4450585" "4972434" "5031193" "5203024" "5263180" "5390166" "5530926" "5796777").PN.)) and (combin\$3)	USPAT	2003/05/08 08:16

-	55	((("6172970" "5710995" "6023615" "4742563" "6151487").pn.) 6172970.URPN. 6151487.URPN. 6023615.URPN. 5710995.URPN. 4742563.URPN. (("4403343" "4450585" "4578819").PN.) (("4035728" "4939791" "5203027" "5335010" "5408685" "5425059" "5473333" "5515378" "5535440" "5621769").PN.) ("4584713" "5109390" "5241701" "5361404" "5414734" "5430769" "5561673" "5642377" "5663990" "5671221").PN.) (("5285480" "5353307" "5909465" "6075814").PN.) ("3934204" "4450585" "4972434" "5031193" "5203024" "5263180" "5390166" "5530926" "5796777").PN.)) and (combin\$3)) and (375/\$.ccls. or 455/\$.ccls. or 329/\$.ccls. or 370/\$.ccls.)	USPAT	2003/05/08 08:17
-	176	(dac near ha).xa.	USPAT	2003/05/08 09:17
-	5	((dac near ha).xa.) and (mix\$3 same interference)	USPAT	2003/05/08 09:17
-	47	((dac near ha).xa.) and (mix\$3)	USPAT	2003/05/08 09:18
-	5459	(375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.	USPAT	2003/05/08 09:21
-	5641	(455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.	USPAT	2003/05/08 09:25
-	1319	(329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.	USPAT	2003/05/08 09:26

-	11265	((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.) ((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.) ((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)	USPAT	2003/05/09 16:18
-	59794	(phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))	USPAT	2003/05/08 09:29
-	5301	((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) same (combin\$3)	USPAT	2003/05/08 09:30
-	276	((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) same (combin\$3) and diversity	USPAT	2003/05/08 10:01
-	37	((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.) ((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.) ((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.) and (((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) same (combin\$3) and diversity)) and weight	USPAT	2003/05/08 09:31

	41	<p>(((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)</p> <p>((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)</p> <p>((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and</p> <p>(((((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) same (combin\$3)) and diversity)) and (pll or (phase near1 lock\$2))</p>	USPAT	2003/05/08 10:02
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-	61	<p>(((((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.))</p> <p>((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.))</p> <p>((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and</p> <p>(((((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) same (combin\$3)) and diversity)) and weight)</p> <p>(((((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.))</p> <p>((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.))</p> <p>((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and</p> <p>(((((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) same (combin\$3)) and diversity)) and (pll or (phase near1 lock\$2)))</p>	USPAT	2003/05/08 13:20
-	7	("4179657" "4512034" "4797950" "4850037" "4947409" "5625871" "5875216").PN.	USPAT	2003/05/08 09:52
-	1	6115426.URPN.	USPAT	2003/05/08 09:55
-	7	("4179657" "4512034" "4797950" "4850037" "4947409" "5625871" "5875216").PN.	USPAT	2003/05/08 09:55
-	13	4512034.URPN.	USPAT	2003/05/08 09:55

-	2	("5481570" "5697083").PN.	USPAT	2003/05/08 09:57
-	2	("5481570" "5697083").PN.	USPAT	2003/05/08 09:57
-	9	5875216.URPN.	USPAT	2003/05/08 09:57
-	11	("4989262" "5204979" "5321850" "5481570" "5752173" "5778310" "5838742" "5875216" "5896424" "5960039" "6006110").PN.	USPAT	2003/05/08 09:58
-	2556	((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.) ((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.) ((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and ((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3)))	USPAT	2003/05/08 10:01
-	304	((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.) ((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.) ((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and ((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) and weight	USPAT	2003/05/08 10:01

	315	<p>(((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)</p> <p>((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)</p> <p>((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and</p> <p>((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3)))) and weight</p>	USPAT	2003/05/08 10:01
	104	<p>(((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)</p> <p>((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)</p> <p>((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and</p> <p>((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3)))) and weight) and diversity</p>	USPAT	2003/05/08 10:01

	67	<p> ((((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)) ((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)) ((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and ((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) and weight) and diversity) not (((((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)) ((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)) ((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and (((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) same (combin\$3)) and diversity)) and weight) (((((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)) ((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)) ((329/302 or 329/306 or </p>	USPAT	2003/05/08 10:02
Search History	5/30/03 5:12:02 PM	<p> 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)) ((329/302 or 329/306 or </p>	Page 10	

	21	<p> ((((((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)) (375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)) (329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and ((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3)))) and weight) and diversity) not (((((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)) (375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)) (329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and (((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) same (combin\$3)) and diversity)) and weight) (((((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)) (375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)) (329/302 or 329/306 or </p>	USPAT	2003/05/08 11:29
Search History	5/30/03 5:12:02 PM	5/30/03 5:12:02 PM		
C:\APPS\EAST\Workspaces	09916915.wsp	09916915.wsp		

-	3	("5697083" "5487091" "5321850").pn.	USPAT	2003/05/08 11:31
-	4	5697083.URPN.	USPAT	2003/05/08 11:30
-	10	5487091.URPN.	USPAT	2003/05/08 11:30
-	19	5321850.URPN.	USPAT	2003/05/08 11:30
-	11	("4079318" "4186347" "4519096" "4641141" "4710975" "4752941" "4752969" "4850037" "4888817" "4939791" "4965858").PN.	USPAT	2003/05/08 11:30
-	4	("4246655" "4450585" "4715048" "5140615").PN.	USPAT	2003/05/08 11:30
-	7	("4035729" "4397036" "5263180" "5297168" "5349609" "5513222" "5553102").PN.	USPAT	2003/05/08 11:30
-	55	((("5697083" "5487091" "5321850").pn.) 5697083.URPN. 5487091.URPN. 5321850.URPN. (("4079318" "4186347" "4519096" "4641141" "4710975" "4752941" "4752969" "4850037" "4888817" "4939791" "4965858").PN.) (("4246655" "4450585" "4715048" "5140615").PN.) (("4035729" "4397036" "5263180" "5297168" "5349609" "5513222" "5553102").PN.)	USPAT	2003/05/08 11:31
-	8	("4373210" "4386435" "4578819" "5202903" "5321850" "5530925" "5553102" "5809090").PN.	USPAT	2003/05/08 11:40
-	1	6115591.URPN.	USPAT	2003/05/08 11:47
-	134	((((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.) ((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.) ((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and ((((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) same (combin\$3)) and diversity)	USPAT	2003/05/08 13:19

-	45	<p>(((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)</p> <p>((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)</p> <p>((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and</p> <p>(((((phase near1 (difference or detect\$3 or compar\$4 or estimat\$3 or evaluat\$3))) same (combin\$3)) and diversity)) and (pll or (phase near1 lock\$2)))</p>	USPAT	2003/05/08 13:21
-	11265	<p>((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)</p> <p>((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)</p> <p>((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.))</p>	USPAT	2003/05/08 15:07

-	234	(((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.) ((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.) ((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and (combin\$3 same phase same weight\$3)	USPAT	2003/05/08 15:07
-	142	(((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.) ((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.) ((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and (combin\$3 same phase same weight\$3)) and weight\$3.clm.	USPAT	2003/05/08 15:08

-	80	<p>(((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)</p> <p>((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)</p> <p>((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and (combine same phase same weight\$3) and weight\$3.clm.) and diversity</p>	USPAT	2003/05/08 14:45
-	11265	<p>(((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)</p> <p>((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)</p> <p>((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.))</p>	USPAT	2003/05/08 15:07

-	1344	<p>((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)</p> <p>((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)</p> <p>((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)</p>	US-PGPUB	2003/05/08 15:07
-	31	<p>((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)</p> <p>((375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)</p> <p>((329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and (combin\$3 same phase same weight\$3)</p>	US-PGPUB	2003/05/08 15:07

-	25	(((((455/50.1 or 455/52.1 or 455/52.2 or 455/52.3 or 455/63 or 455/65 or 455/67.1 or 455/67.3 or 455/67.6 or 455/131 or 455/132 or 455/133 or 455/134 or 455/135 or 455/136 or 455/137 or 455/138 or 455/139 or 455/140 or 455/141 or 455/142 or 455/143 or 455/146 or 455/207 or 455/214 or 455/226.1 or 455/226.2 or 455/272 or 455/273 or 455/276.1 or 455/277.1 or 455/277.2 or 455/277.3 or 455/284 or 455/295 or 455/296 or 455/303 or 455/304 or 455/305 or 455/570).ccls.)) (375/219 or 375/226 or 375/227 or 375/259 or 375/260 or 375/267 or 375/285 or 375/324 or 375/325 or 375/326 or 375/327 or 375/340 or 375/346 or 375/347 or 375/349).ccls.)) (329/302 or 329/306 or 329/307 or 329/318 or 329/320 or 329/325 or 329/349 or 329/353 or 329/360 or 370/286 or 370/287).ccls.)) and (combine same phase same weight) and weight.clm.	US-PGPUB	2003/05/08 15:08
-	1	6078633.pn.	USPAT	2003/05/09 10:11
-	3	("4272729" "4528523" "5614870").PN.	USPAT	2003/05/09 09:16
-	1	6314150.pn.	USPAT	2003/05/09 09:17
-	11	("5008635" "5220295" "5260979" "5394444" "5406592" "5483558" "5680076" "5764712" "5870002" "5905410" "5917870").PN.	USPAT	2003/05/09 09:16
-	1	5956379.pn.	USPAT	2003/05/09 09:18
-	3	("5420545" "5613235" "5793824").PN.	USPAT	2003/05/09 09:17
-	1	6266383.pn.	USPAT	2003/05/09 09:18
-	5	("4110558" "4926447" "5068628" "5260979" "6069927").PN.	USPAT	2003/05/09 09:18
-	1	6389090.pn.	USPAT	2003/05/09 09:20
-	11	("4129748" "5173617" "5297173" "5521499" "5574756" "5646519" "5754606" "5838749" "5889828" "5963069" "5999027").PN.	USPAT	2003/05/09 09:19
-	1	6275553.pn.	USPAT	2003/05/09 09:20
-	13	("5038115" "5194828" "5355037" "5389898" "5561398" "5686864" "5742208" "5889436" "5974105" "5997806" "6078317" "6104222" "6118316").PN.	USPAT	2003/05/09 09:20
-	5666	(multiply or multiplier) near phase	USPAT	2003/05/09 10:12

-	7	((multiply\$3 or multiplier) near4 phase) and ("6078633" "4210871" "5513222" "6115591" "5487091" "5321850" "5697083" "5361404" "6167243" "5530925").pn	USPAT	2003/05/09 10:13
-	1	((multiply\$3 or multiplier) near4 phase) and ("6078633" "4210871" "5513222" "6115591" "5487091" "5321850" "5697083" "5361404" "6167243" "5530925").pn.	USPAT	2003/05/09 10:21
-	0	(square near1 root) and ("6078633" "4210871" "5513222" "6115591" "5487091" "5321850" "5697083" "5361404" "6167243" "5530925").pn.	USPAT	2003/05/09 15:09
-	2	("5361404" "5530925").pn.	USPAT	2003/05/09 15:11
-	10	5530925.URPN.	USPAT	2003/05/09 15:42
-	17	("3528012" "3593147" "3879664" "4079318" "4281411" "4373207" "4384358" "4512034" "4525869" "4742563" "4752941" "4756023" "4972434" "5203023" "5203024" "5203025" "5263180").PN.	USPAT	2003/05/09 15:42
-	4	("6097773" "6115426" "4939791" "5263180").pn.	USPAT	2003/05/09 16:00
-	1	6115426.URPN.	USPAT	2003/05/09 15:58
-	5	6097773.URPN.	USPAT	2003/05/09 15:58
-	8	5263180.URPN.	USPAT	2003/05/09 15:58
-	21	4939791.URPN.	USPAT	2003/05/09 15:58
-	5	("3806815" "4700366" "4710975" "4752969" "4850037").PN.	USPAT	2003/05/09 15:58
-	3	("2975275" "3540055" "4386435").PN.	USPAT	2003/05/09 15:58
-	11	("4989262" "5204979" "5321850" "5481570" "5752173" "5778310" "5838742" "5875216" "5896424" "5960039" "6006110").PN.	USPAT	2003/05/09 15:59
-	7	("4179657" "4512034" "4797950" "4850037" "4947409" "5625871" "5875216").PN.	USPAT	2003/05/09 15:59
-	56	6115426.URPN. 6097773.URPN. 5263180.URPN. 4939791.URPN. (("3806815" "4700366" "4710975" "4752969" "4850037").PN.) (("2975275" "3540055" "4386435").PN.) (("4989262" "5204979" "5321850" "5481570" "5752173" "5778310" "5838742" "5875216" "5896424" "5960039" "6006110").PN.) (("4179657" "4512034" "4797950" "4850037" "4947409" "5625871" "5875216").PN.)	USPAT	2003/05/09 16:00

-	48	(6115426.URPN. 6097773.URPN. 5263180.URPN. 4939791.URPN. (("3806815" "4700366" "4710975" "4752969" "4850037").PN.) (("2975275" "3540055" "4386435").PN.) (("4989262" "5204979" "5321850" "5481570" "5752173" "5778310" "5838742" "5875216" "5896424" "5960039" "6006110").PN.) (("4179657" "4512034" "4797950" "4850037" "4947409" "5625871" "5875216").PN.)) and combin\$5	USPAT	2003/05/09 16:00
-	4129	(combin\$3 same (bypass or by-pass))	USPAT	2003/05/09 16:19
-	4465	(combin\$3 same (bypass or by-pass))	USPAT	2003/05/09 16:20
-	457	((combin\$3 same (bypass or by-pass))) same select\$4	USPAT	2003/05/09 16:21
-	37	((combin\$3 same (bypass or by-pass))) same select\$4) and (375/\$.ccls. or 455/\$.ccls. or 329/\$.ccls. or 342/\$.ccls. or 370/\$.ccls.)	USPAT	2003/05/09 16:32
-	1	5203025.pn.	USPAT	2003/05/09 16:32
-	3	5203025.URPN.	USPAT	2003/05/09 16:32
-	16	("3095538" "3593147" "3963988" "3978408" "4015205" "4027247" "4057758" "4349914" "4386435" "4450585" "4499606" "4566133" "4633519" "4805229" "4856080" "4972434").PN.	USPAT	2003/05/09 16:34
-	1	6160510.pn.	USPAT	2003/05/12 13:50
-	23	("2551805" "3400405" "3987444" "4063250" "4280128" "4298873" "4334316" "4512034" "4644359" "4752941" "4757318" "4888493" "5084708" "5390357" "5410321" "5422908" "5475875" "5479177" "5493306" "5543806" "5617102" "5659572" "5848361").PN.	USPAT	2003/05/12 13:29
-	0	("5203025" "5530925" "6160510" "5659572" "5361404" "5630213" "5263180" "5203024" "5203023" "4756023" "4384358" "6546236").pn. and echo	USPAT	2003/05/12 13:52
-	2743	echo same combin\$3	USPAT	2003/05/12 13:52
-	481	(echo same combin\$3) and (455/\$.ccls. or 370/\$.ccls. or 375/\$.ccls.)	USPAT	2003/05/12 13:53
-	50	((echo same combin\$3) and (455/\$.ccls. or 370/\$.ccls. or 375/\$.ccls.)) and diversity	USPAT	2003/05/12 14:03
-	3	((echo same combin\$3) and (455/\$.ccls. or 370/\$.ccls. or 375/\$.ccls.)) and diversity) and (echo near1 (canceler or canceling))	USPAT	2003/05/12 13:56

-	2	((echo same combin\$3) and (455/\$.ccls. or 370/\$.ccls. or 375/\$.ccls.)) and diversity) and (echo near1 (canceller or cancelling))	USPAT	2003/05/12 14:03
-	164	((echo same combin\$3) and (455/\$.ccls. or 370/\$.ccls. or 375/\$.ccls.)) and (echo near1 (canceler or canceling))	USPAT	2003/05/12 14:03
-	3	((echo same combin\$3) and (455/\$.ccls. or 370/\$.ccls. or 375/\$.ccls.)) and (echo near1 (canceler or canceling))) and diversity	USPAT	2003/05/12 13:57
-	104	(echo same combin\$3) and diversity	USPAT	2003/05/12 14:03
-	3	((echo same combin\$3) and diversity) and (echo near1 (canceller or cancelling))	USPAT	2003/05/12 14:07
-	4	((echo same combin\$3) and diversity) and (echo near1 (canceler or canceling))	USPAT	2003/05/12 14:15
-	176	(dac near1 ha).xa.	USPAT	2003/05/12 14:07
-	3	((dac near1 ha).xa.) and (echo near1 (canceller or cancelling))	USPAT	2003/05/12 14:09
-	13	("5307405" "5388092" "5455819" "5517435" "5526347" "5539773" "5604741" "5617450" "5659609" "5745564" "5796725" "5933495" "5946349").PN.	USPAT	2003/05/12 14:08
-	2	((dac near1 ha).xa.) and (echo near1 (canceller or cancelling))) and duplex	USPAT	2003/05/12 16:28
-	5	((dac near1 ha).xa.) and (echo near1 (canceler or canceling))	USPAT	2003/05/13 07:51
-	6	("5530724" "5631958" "5784455" "5838786" "6094422" "6134224").PN.	USPAT	2003/05/12 14:16
-	2	("5203025" or "5530925").pn.	USPAT	2003/05/12 16:36
-	1	5513222.pn.	USPAT	2003/05/12 18:28
-	0	5530925.pn. and filter	USPAT	2003/05/12 18:31
-	375	(adaptive adj filter) same equalizer	USPAT	2003/05/12 18:33
-	252	((adaptive adj filter) same equalizer) and 375/\$.ccls.	USPAT	2003/05/12 18:33
-	106	((adaptive adj filter) same equalizer) and 375/\$.ccls.) and FIR	USPAT	2003/05/12 18:32
-	180	(adaptive adj filter) near4 equalizer	USPAT	2003/05/12 18:33
-	133	((adaptive adj filter) near4 equalizer) and 375/\$.ccls.	USPAT	2003/05/12 18:33
-	6	("5530724" "5631958" "5784455" "5838786" "6094422" "6134224").PN.	USPAT	2003/05/13 07:59
-	0	6421376.URPN.	USPAT	2003/05/13 07:51
-	0	6304598.pn. and (signal near1 quality)	USPAT	2003/05/13 07:52
-	0	6304598.pn. and (signal near1 strength)	USPAT	2003/05/13 07:52

-	0	6304598.pn. and (signal near1 power)	USPAT	2003/05/13 07:52
-	3	((("5530724" "5631958" "5784455" "5838786" "6094422" "6134224").PN.) and (quality or strength or power or characteristic or energy)	USPAT	2003/05/13 08:09
-	3	((("5530724" "5631958" "5784455" "5838786" "6094422" "6134224").PN.) and (quality or strength or power or characteristic or energy)) and duplex	USPAT	2003/05/19 17:10
-	4	("5513222" "5530925" "5203025" "4384358" "6546236" "5203023" "5263180" "5630213" "6115591" "5487091" "5321850" "5697083").pn. and averag\$3	USPAT	2003/05/13 08:53
-	1	6304598.pn.	USPAT	2003/05/13 08:58
-	3	("4384358" "6546236" "5203023").pn.	USPAT	2003/05/13 08:58
-	17	("5513222" "6115591" "5487091" "5321850" "5697083" "6078633" "5203025" "5530925" "6094422" "6493381" "4384358" "6546236" "5203023" "6304598" "5659572" "5263180" "5630213").PN.	USPAT	2003/05/13 10:35
-	1	5631958.pn. and echo	USPAT	2003/05/19 17:10
-	1	(5631958.pn. and echo) and (next or fext)	USPAT	2003/05/19 17:10
-	1827	(multi-path or (multi adj path) or diversity) same (echo or interference)	USPAT	2003/05/23 08:48
-	23	((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)	USPAT	2003/05/23 09:00
-	12	((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) and 375/\$.ccls.	USPAT	2003/05/23 08:46
-	760	((multi-path or (multi adj path) or diversity) same (echo or interference)) and 375/\$.ccls.	USPAT	2003/05/23 08:31
-	0	((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) and 375/\$.ccls.) not (((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5))	USPAT	2003/05/23 08:31
-	11	((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) not (((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) and 375/\$.ccls.)	USPAT	2003/05/23 08:41
-	594	((multi-path or (multi adj path) or diversity) same (echo or interference)) and 375/\$.ccls.) and combin\$4	USPAT	2003/05/23 08:46
-	406	((multi-path or (multi adj path) or diversity) same (echo or interference)) same combin\$4	USPAT	2003/05/23 09:14

-	223	((multi-path or (multi adj path) or diversity) same (echo or interference)) same combin\$4) and 375/\$.ccls.	USPAT	2003/05/23 10:02
-	171	(multi-path or (multi adj path) or diversity) same (echo)	USPAT	2003/05/23 08:48
-	19	((multi-path or (multi adj path) or diversity) same (echo or interference)) same combin\$4) and 375/\$.ccls.) and ((multi-path or (multi adj path) or diversity) same (echo))	USPAT	2003/05/23 08:54
-	3	((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) not (((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) and 375/\$.ccls.) and (echo near2 (level or threshold or amplitude or magnitude or target))	USPAT	2003/05/23 08:55
-	3	((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj suppress\$6)	USPAT	2003/05/23 08:58
-	25	((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo near1 cancel\$5)	USPAT	2003/05/23 09:13
-	2	((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo near1 cancel\$5)) not (((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5))	USPAT	2003/05/23 09:12
-	9	("4586177" "4754453" "4901310" "5048059" "5241702" "5276686" "5299192" "5345439" "5355524").PN.	USPAT	2003/05/23 09:11
-	1	"3422397".PN.	USPAT	2003/05/23 09:11
-	11	("4586177" "4754453" "4879711" "4901310" "5048059" "5241702" "5276686" "5299192" "5301188" "5345439" "5355524").PN.	USPAT	2003/05/23 09:11
-	2	("5371548" "5568202").PN.	USPAT	2003/05/23 09:11
-	2	5886749.URPN.	USPAT	2003/05/23 09:11
-	16	((("4586177" "4754453" "4901310" "5048059" "5241702" "5276686" "5299192" "5345439" "5355524").PN.) "3422397".PN. ((("4586177" "4754453" "4879711" "4901310" "5048059" "5241702" "5276686" "5299192" "5301188" "5345439" "5355524").PN.) ("5371548" "5568202").PN.) 5886749.URPN.	USPAT	2003/05/23 09:12

-	0	((multi-path or (multi adj path) or diversity) same (echo or interference)) and (((("4586177" "4754453" "4901310" "5048059" "5241702" "5276686" "5299192" "5345439" "5355524").PN.) "3422397".PN. (("4586177" "4754453" "4879711" "4901310" "5048059" "5241702" "5276686" "5299192" "5301188" "5345439" "5355524").PN.) ("5371548" "5568202").PN.) 5886749.URPN.)	USPAT	2003/05/23 09:13
-	0	(((multi-path or (multi adj path) or diversity) same (echo or interference)) and (((("4586177" "4754453" "4901310" "5048059" "5241702" "5276686" "5299192" "5345439" "5355524").PN.) "3422397".PN. (("4586177" "4754453" "4879711" "4901310" "5048059" "5241702" "5276686" "5299192" "5301188" "5345439" "5355524").PN.) ("5371548" "5568202").PN.) 5886749.URPN.)) and (echo near1 cancel\$5)	USPAT	2003/05/23 09:13
-	1	(((("4586177" "4754453" "4901310" "5048059" "5241702" "5276686" "5299192" "5345439" "5355524").PN.) "3422397".PN. (("4586177" "4754453" "4879711" "4901310" "5048059" "5241702" "5276686" "5299192" "5301188" "5345439" "5355524").PN.) ("5371548" "5568202").PN.) 5886749.URPN.) and (echo near1 cancel\$5)	USPAT	2003/05/23 09:13
-	31	((multi-path or (multi adj path) or diversity) same (echo)) same combin\$4	USPAT	2003/05/23 09:14
-	15	(((multi-path or (multi adj path) or diversity) same (echo)) same combin\$4) and 375/\$.ccls.	USPAT	2003/05/23 09:33
-	11	(((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) not (((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) and 375/\$.ccls.)) and echo	USPAT	2003/05/23 14:29
-	3	(((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) not (((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) and 375/\$.ccls.)) and (echo near2 (level or threshold or amplitude or magnitude or target))) and echo	USPAT	2003/05/23 10:02
-	51	((multi-path or (multi adj path) or diversity) same (echo)) and 375/\$.ccls.	USPAT	2003/05/23 10:02
-	51	(((multi-path or (multi adj path) or diversity) same (echo)) and 375/\$.ccls.) and echo	USPAT	2003/05/23 10:08

-	12	(((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) and 375/\$.cccls.) and echo	USPAT	2003/05/23 10:08
-	11	(((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) not (((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) and 375/\$.cccls.) and echo	USPAT	2003/05/23 14:29
-	11	(((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) not (((multi-path or (multi adj path) or diversity) same (echo or interference)) and (echo adj cancel\$5)) and 375/\$.cccls.) and echo and combin\$5	USPAT	2003/05/23 14:30